

VA Portland Health Care System



Pharmacy Residency Program 2021-2022

VA



U.S. Department of Veterans Affairs

Veterans Health Administration
VA Portland Health Care System

Message from the Chief

I want to sincerely thank you for considering joining our VA Portland Health Care System (VAPORHCS) Pharmacy Residency Program. VAPORHCS serves more than 95,000 unique Veterans and 950,000 outpatient Veteran visits each year in Oregon and Southwest Washington. VAPORHCS consists of the main tertiary care medical center overlooking the city of Portland, the Vancouver Campus in Vancouver, Washington, and 10 outpatient clinics across Central and Northwest Oregon. VAPORHCS provides a full continuum of inpatient, outpatient, long-term, and emergent care. We are proud to host 12 national-level Centers of Excellence leading research efforts from mental illness to Parkinson's, epilepsy to auditory research, and others. VAPORHCS is connected to Oregon Health & Science University (OHSU) both physically and through academic partnerships training health care professionals.



The VAPORHCS Pharmacy Service is integrated amongst all aspects of care, providing pharmacists challenging and unique opportunities to practice and improve the lives of our Veterans. With over 170 staff members, our department is dedicated to a Veteran-centric practice model of providing safe, appropriate, and evidence-based medication management and education. Many of our pharmacists practice at the top of their license as clinicians with advanced scopes in several disease states. By training at VAPORHCS, residents can rotate through the acute care setting as well as the ambulatory care setting at our Community Based Outpatient Clinics (CBOCs). In addition, pharmacy service offers extended care to the specialty clinics at VAPORHCS which are unique elective opportunities for trainees.

The VA has been a leader in both advanced clinical practice for pharmacists and education. The benefits of training in the VA are limitless, but more so quickly grant you access to the Nation's largest health care system. This access will open you up to endless professional opportunities across the country.

Determining the appropriate location to receive your residency training is critical in reaching your professional goals. I strongly encourage you to look through this brochure to see what residencies and educational opportunities we offer. Choosing VAPORHCS to train will be one of the best professional decisions you make!

A handwritten signature in black ink, appearing to read 'Jeegisha Patel'.

Jeegisha Patel, PharmD, BCPS
Chief, Pharmacy Services



Unique Benefits of a VA Pharmacy Residency

The VA Pharmacy Residency Program is the largest training program for advanced clinical pharmacy practice in the country. VA trains several hundred residents annually in over 150 American Society of Health-System Pharmacists (ASHP) accredited residencies. The VAPORHCS PGY-1 residency program was first established in 1979 and is one of the first postgraduate pharmacy programs in Oregon.

The residency includes a variety of practice areas, such as: Pharmacy Practice, Pharmacy Benefits Management, Pharmacy Administration, and Education. Residents receive an outstanding 12-month clinical patient care experience serving a challenging and rewarding Veteran population. Throughout the year, residents learn to coordinate quality primary care and acute care services with other specialty areas of health care in a stimulating interdisciplinary environment. Additionally, residents will be involved in exciting research and academic opportunities mentored by experienced pharmacist preceptors. VAPORHCS is proud to offer excellent residency training programs in Pharmacy Practice (PGY-1), Psychiatry (PGY-2), Ambulatory Care (PGY-2), and Pain & Palliative Care (PGY-2).

VA Portland Pharmacy Service

Mission: To provide Veteran-centric pharmaceutical care that improves outcomes through a commitment to innovation, education, and collaboration.

VAPORHCS pharmacists serve as valuable members of patient care teams in the acute care, ambulatory care, and long-term care settings. Our department features a decentralized pharmacy service with barcode medication administration, IV admixture service, automated dispensing systems, electronic healthcare record, and automated prescription filling.

Our acute care clinical pharmacists provide care to patients on the medical and surgical units, intensive care unit, step-down units, acute psychiatry unit, operating room, and ambulatory surgery. Responsibilities include providing drug therapy and dosing recommendations, participating in team rounds, pain management consultation, anticoagulation management, pharmacokinetic dosing, medication reconciliation, and discharge patient education. Specialized clinical pharmacy care is provided in the following areas: Critical Care, Infectious Diseases, Oncology, Palliative Care, Psychiatry, Transplant, and Operative Care.

Our outpatient clinical pharmacists provide a wide range of pharmaceutical services to our Veterans in both Portland and Vancouver locations. Our clinical pharmacy specialists in the ambulatory care section support the Patient Aligned Care Teams (PACTs) in our Community Based Outpatient Clinics (CBOCs) and several specialty services including: Anticoagulation, Hepatitis C, Mental Health, Cardiology, Oncology and Pain Management. Additionally, Ambulatory Care Pharmacists perform thorough medication reconciliation, address drug information questions, consult with physicians and PACTs, provide medication counseling, and participate in evidence-based medication review on Drug Utilizations Teams. Pharmacists working in these areas can initiate and modify therapy for selected disease states under a scope of practice with a supervising provider and act as midlevel practitioners.

Our management team practices the philosophy of servant leadership and is trained in quality improvements utilizing the LEAN methodology. In addition, our Pharmacy Benefits Management (PBM) team continues to maintain consistency with the VA National Formulary and the Veterans Integrated Services Network (VISN 20) formulary, involving dedicated program managers skilled in pharmacoeconomics and health system administration. Our health system is continually in the process of updating and refining our capability to use computers as tools to assist in meeting the health care needs of our Veterans. Therefore, our pharmacy administration team includes a pharmacist dedicated to implementing and staying current with computerized information system changes at the local, regional, and national levels. This informatics pharmacist also assists residents with data extraction for year-long research projects and medication use evaluations, both required as longitudinal assignments during the residency year.

Throughout the health system, pharmacists and pharmacy technicians have a strong voice in process improvement and quality assurance of pharmacy services. Pharmacists and technicians lead or serve on several committees including Patient Safety, Medical Service Council, Pharmacy and Therapeutics, Institutional Review Board, Research and Development, Order Menu Workgroup, Education, Antimicrobial Stewardship, Northwest Pain Committee, Clinical Pharmacy Practice Councils and many others dedicated to improving patient care.



Our Residency Programs

VAPORHCS offers a Post Graduate Year 1 (PGY-1) Pharmacy Residency program, and Post Graduate Year 2 (PGY-2) programs in Psychiatry, Ambulatory Care, and Pain & Palliative Care. The programs allow residents a great deal of self-direction, learning and ability to maximize opportunities to explore areas of interest. We offer opportunities to gain skills in practicing pharmacy in a health-system institution focusing on acute care, ambulatory care and specialty care clinical services. Residents have opportunities to choose from a variety of electives which include, but are not limited to transplant, oncology, and emergency medicine. Additionally, the proximity of our facility to Oregon Health & Science University Hospital, Oregon State College of Pharmacy, and Pacific University gives the residents an opportunity to participate in various educational opportunities including a teaching certificate program.

Program	ASHP Residency Code
<u>PGY-1 Pharmacy Residency</u>	(94004)
<u>PGY-2 Psychiatric Pharmacy Residency</u>	(94028)
<u>PGY-2 Ambulatory Care Residency Program</u>	(94038)
<u>PGY-2 Pain and Palliative Care Residency Program</u>	(94906)

PGY-1 Pharmacy Residency Program (94004)

(3 positions)

Start Date: 07/01/2021

The purpose of this PGY-1 pharmacy residency program is to build on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY-2) pharmacy residency training.

The primary goal of the Portland VA PGY-1 is to prepare residents to function as well-rounded, independent, competent clinical pharmacists in patient care positions in a health care setting.

Learning Experiences (Core Rotations)

- Orientation (Residency/Inpatient/ Outpatient Operations)
- Ambulatory Care: Mental Health
- Ambulatory Care: Primary Care
- Critical Care
- Geriatrics Internal Medicine- Community Living Center
- Internal Medicine
- Pharmacy Administration

Each core rotation is 5 weeks in duration

Longitudinal Experiences

- Anticoagulation Clinic
- Citywide Residency Conference (monthly meetings)
- Committee & Leadership Series (P&T/leadership series/other committees)
- Formulary Management (MUE/PADRs)
- Major Residency Project
- Management Project – Process Improvement
- Medication Safety
- Pharmacy Administration (Leadership)
- Pharmacy Staffing
- Presentations (formal case/journal club/seminar/CE)
- Resident Education Series & Teaching Certificate

Elective On-Site Experiences

- Academic Detailing
- Clinic Management
- Emergency Medicine
- Hematology/Oncology
- Hospice/Palliative Care
- Infectious Diseases
- Liver/ Kidney Transplant
- Neurology
- Pharmacy Informatics
- Psychiatry
- Women's Clinic

Each 4 weeks long

****Electives at other institutions may be available but not guaranteed. (Oregon State Pharmacist license required for off-site elective.) Elective time may be used for make up or repeat of core rotations if needed.**

Availability of elective learning experiences for the 2021-22 residency year may be affected by the COVID-19 pandemic and associated guidelines.

PGY-2 Psychiatric Pharmacy Residency Program (94028)

ASHP Accredited Residency

(2 Positions)

Start Date: 07/01/2021

Purpose statement:

The PGY-2 psychiatric pharmacy residency program builds on Doctor of Pharmacy (Pharm.D.) education and PGY-1 pharmacy residency programs to contribute to the development of clinical pharmacists in advanced or specialized practice. The PGY-2 psychiatric pharmacy residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care that improves medication therapy. Residents who successfully complete an accredited PGY-2 psychiatric pharmacy residency should possess competencies that qualify them for clinical pharmacist and/or faculty positions and position them to be eligible for attainment of board certification in psychiatric pharmacy (BCPP).

Program Description:

Our program is a 12-month, PGY-2 psychiatric pharmacy residency accredited by the American Society of Health System Pharmacists (ASHP). The program is designed to offer well-balanced training experiences in both the inpatient and outpatient mental health treatment settings, as well as specialty areas such as substance use disorders, neurology, and geriatric psychiatry. Residents will participate in a pharmacist-run clozapine clinic as part of their outpatient psychiatry learning experience as well as gain experiencing managing a panel of complex psychiatric outpatients. During the inpatient learning experience, residents will collaborate with a multidisciplinary team, which includes trainees from psychiatry, nursing, and social work. Additionally, elective opportunities are available to allow residents to explore areas such as academic detailing, pain management, and consult/liaison psychiatry. This program is tailored to each resident to suit his/her unique past experiences and goals, as well as strengths and areas for improvement. Additionally, residents will be given clinical privileges under a mental health scope of practice and will use such to order medications, labs, and consults. Residents will be expected to develop critical self-evaluation and leadership skills throughout the residency year that will enable them to be successful psychiatric pharmacy practitioners regardless of practice setting.

Learning Experience (Blocked Rotations)

Duration

- | | |
|------------------------------------------|------------|
| • Orientation | 1-4 weeks* |
| • Inpatient Psychiatry | 12 weeks |
| • Outpatient Psychiatry | 12 weeks |
| • Primary Care Mental Health Integration | 4 weeks |
| • Neurology | 4 weeks |

*Duration will depend on where resident completed his/her PGY-1 residency

Learning Experience (Longitudinal Rotations)

- Substance Use Disorders
- Formulary Management
- Geriatric Psychiatry
- Major Residency Project
- Mental Health Administration
- Teaching and Education
- Staffing

Learning Experience (Blocked Rotations)****Duration**

- | | |
|--------------------------------------------------|-----------|
| • Consult Liaison Psychiatry | 4-5 weeks |
| • Academic Detailing (VISN 20) | 4-5 weeks |
| • Pain Management | 4-5 weeks |
| • Mental Health Intensive Case Management MHICM) | 4-5 weeks |

**Availability of elective learning experiences for the 2021-22 residency year may be affected by the COVID-19 pandemic and associated guidelines.

PGY-2 Ambulatory Care Residency Program (94038)

(1 Position)

Start Date: 07/01/2021

PGY-2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY-1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY-2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY-2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification, if available.

Required Learning Experiences (Core Rotations)

• Orientation (Residency/Pharmacy Operations)	4 weeks
• Anticoagulation	12 weeks
• Cardiology/Heart Failure	12 weeks
• Academic Detailing	12 weeks
• Population Health Management	12 weeks
• Primary Care – Vancouver Clinic	18 weeks
• Primary Care – Resident Clinic	18 weeks
• Formulary Management (MUE/formulary)	Longitudinal (52 weeks)
• Major Residency Project	Longitudinal (52 weeks)
• Pharmacy and Primary Care Administration	Longitudinal (52 weeks)
• Teaching and Education	Longitudinal (52 weeks)

Program Structure

Elective On-Site Learning Experiences (Choice of Two)

• Hematology/Oncology	4 weeks
• Hepatology	4 weeks
• Liver/Kidney Transplant	4 weeks
• Mental Health	4 weeks
• Neurology	4 weeks
• Women's Health	4 weeks

Program Structure

Elective rotations are available at VAPORHCS in a variety of patient care settings. This program will be flexible to accommodate each resident's area of interest. Electives at other institutions may be available but are not guaranteed (Oregon State pharmacy license required for off-site electives). *Elective time may be used for making up or repeating core rotations.*

Special Features

Prescriptive authority

Residents have prescriptive authority to order medications, laboratory and diagnostic tests, and consults to other services within their scope of practice.

Education series

Residents present journal clubs, patient cases, and disease state reviews to residents and preceptors

Chief Resident

PGY-2 ambulatory care residents serve as mentors to PGY-1 residents with the possibility of being Chief Resident for the residency programs.

Interdisciplinary collaboration

Clinical Pharmacy Specialists and residents are core members of the Patient-Aligned Care Team (PACT) and provide disease state management. PACTs consist of a primary care provider, pharmacist, nurse, social worker, dietician, and a mental health provider. Additionally, the resident will practice in the medical residents' clinic fostering an interdisciplinary learning environment for the latter half of the year.

Innovation

VA Portland HCS is the home base for the Northwest Innovation Center. The resident will have the opportunity to be involved in clinical application management and implementation of population management resources to provide efficient medication management to our veterans.

***Availability of elective learning experiences for the 2021-22 residency year may be affected by the COVID-19 pandemic and associated guidelines.

PGY-2 Pain and Palliative Care Residency Program (94906)

(1 Position)

Start Date: 07/01/2021

PGY-2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY-1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY-2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY-2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification, if available.

Required Learning Experiences (Core Rotations)

Program Structure

• Orientation (Residency/Pharmacy Operations)	4 weeks
• Inpatient Patient-Controlled Analgesia Consult Service	8 weeks
• Community Living Center - Palliative Care	8 weeks
• Substance Use Disorder Management - Rural Health Focus	Longitudinal (31 weeks)
• Center for Integrative Pain Care	Longitudinal (31 weeks)
• Formulary Management (MUE/formulary)	Longitudinal (52 weeks)
• Major Residency Project	Longitudinal (52 weeks)
• Pharmacy Administration	Longitudinal (52 weeks)
• Teaching and Education	Longitudinal (52 weeks)

Elective On-Site Learning Experiences (Choice of Two)

Program Structure

• Academic Detailing	4 weeks
• Emergency Department	4 weeks
• Neurology	4 weeks
• Psychiatry	4 weeks

Elective rotations are available at VAPORHCS in a variety of patient care settings. This program will be flexible to accommodate each resident's area of interest. Electives at other institutions may be available but are not guaranteed (Oregon State pharmacy license required for off-site electives). *Elective time may be used for making up or repeating core rotations.*

Special Features

Prescriptive authority

Residents have prescriptive authority to order medications, laboratory and diagnostic tests, and consults to other services within their scope of practice.

Education series

Residents present journal clubs, patient cases, and disease state reviews to residents and preceptors

Chief Resident

PGY-2 Pain and Palliative Care residents serve as mentors to PGY-1 residents with the possibility of being Chief Resident for the residency programs.

Interdisciplinary collaboration

Clinical Pharmacy Specialists and residents are core members of the interdisciplinary pain and substance use disorder teams and provide disease state management. Teams consist medical providers, pharmacists, nurses, social workers, and psychologists.

Innovation

VA Portland HCS is the home base for the Northwest Innovation Center. The resident will have the opportunity to be involved in clinical application management and implementation of population management resources to provide efficient medication management to our veterans.

***Availability of elective learning experiences for the 2021-22 residency year may be affected by the COVID-19 pandemic and associated guidelines.

Residency Program Directors and Coordinators



Dr. Amar Patel, PharmD

PGY-1 Pharmacy Practice Residency Program Director
Amar.Patel1@va.gov



Dr. Jeanne Peterson, PharmD, BCPP

PGY-2 Psychiatry Residency Program Director
Jeanne.Peterson@va.gov



Dr. Scott Ganger, PharmD, BCACP

PGY-2 Ambulatory Care Residency Program Director
Scott.Ganger@va.gov



Dr. Antoine Zogbi, PharmD, BCACP

PGY-2 Ambulatory Care Residency Program Coordinator
Antoine.Zogbi@va.gov



Dr. Randall Udouj, PharmD, BCPS

PGY-2 Pain and Palliative Care Program Director
Randall.Udouj@va.gov

Preceptors

VAPORHCS preceptors are a highlight and strength of our program. Our preceptors hail from across the United States and bring a plethora of unique clinical and educational experiences to the table.

Our preceptors have earned their pharmacy degrees from a wide variety of pharmacy schools and have completed their PGY-1 residency training in various sites across the country. A majority of these residency sites were VA PGY-1 residency programs.

Multiple preceptors have nationally recognized accomplishments, which include: Board Certification in Pharmacotherapy, Critical Care, Oncology, Ambulatory Care, Geriatrics, Anticoagulation, and/or Psychiatry as well as Certified Diabetes Educator status. Additionally, our preceptors have been recognized and selected for awards such as Lecturer of the Year at Oregon State University, Preceptor of the Year at Oregon State University and Pacific University, Pharmacist of the Year from the Oregon Society of Health-System Pharmacists, Fellow of the Oregon Society of Health-System Pharmacists, and APPE Clinical Preceptor of the Year at Oregon State University. Our staff have also been recognized at the Oregon Health & Sciences University for being excellent preceptors to our medical residents.

The preceptors stay active with board member participation for state and national pharmacy organizations. Multiple preceptors have published and presented at various pharmacy conferences and venues across the country.

Our preceptors serve as valuable members of the health care team, are committed to the profession of pharmacy, and demonstrate exceptional leadership and mentoring skills while providing optimal patient-centered care. In their dedication to creating a healthy learning environment, they help foster the growth and independence of the residents throughout the course of the residency year.

Meet the Resident Class of 2020-21

PGY-1 Residents



Chitra Kanchagar, PharmD

Pharmacy School: Oregon State University/Oregon Health & Science University Doctor of Pharmacy Program, Class of 2020; Master of Science degree from the University of Georgia in Cellular Biology

Practice Interests: Infectious diseases (pursuing PGY-2 in ID)

Hobbies: I love traveling, eating food and hanging out with my husband and dog, Frodo.

Chitra.Kanchagar@va.gov



Andre Huang, PharmD

Pharmacy School: Washington State University College of Pharmacy and Pharmaceutical Sciences

Practice Interests: Ambulatory Care

Hobbies: Exploring outdoors, watching/participating in motorsports, and enjoying foods from around the world.

Andre.Huang@va.gov



Madeleine Grant, PharmD

Pharmacy School: North Dakota State University, Class of 2020

Practice Interests: Psychiatry, Ambulatory Care

Hobbies: Hiking, coffee-drinking, and petting dogs!

Portland VA Psychiatry Early Commit Resident for 2021-22

Madeleine.Grant1@va.gov

PGY-2 Ambulatory Care Residents



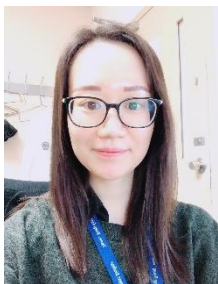
**Brandon Heuermann,
PharmD, BCPS**

Pharmacy School: University of Nebraska Medical Center - College of Pharmacy Class of 2019

Practice Interests: Primary care, Cardiology, Hepatology

Hobbies: Hiking/camping, trying the different foods in Portland, playing golf, salsa dancing (poorly)

Brandon.Heuermann@va.gov



Rui Wang, PharmD

Pharmacy School: Oregon State University/Oregon Health & Science University, College of Pharmacy

Practice Interests: Ambulatory Care

Hobbies: Traveling, eating, and hanging out with my friends and family

Rui.Wang@va.gov

PGY-2 Psychiatry Residents



Christine Hagerman, PharmD

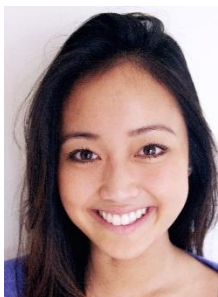
Pharmacy School: Regis University School of Pharmacy Class of 2019 in Denver, Colorado

PGY-1 Residency: New Mexico VA Health Care System

Practice Interests: Inpatient Psychiatry, Long-Acting Injectable Antipsychotics, and Geriatric Psychiatry

Hobbies: all things related to reality-TV/pop-culture, eating new food, hiking, and gardening with my mom

Christine.Hagerman1@va.gov



Grace Le, PharmD

Pharmacy School: University of California, San Francisco

PGY-1 Residency: VA Puget Sound Health Care System

Practice Interests: Outpatient Specialty Mental Health, Substance Use Disorder, Population Health, Primary Care

Hobbies: Exploring the PNW, trying new food, watching documentaries & listening to podcasts, and being a plant mom!

Grace.Le1@va.gov



Pharmacy Applicant Qualification and Application Process

Applicant Qualifications

- Doctor of Pharmacy Degree from an Accredited School of Pharmacy
- Certificate of completion of an ASHP accredited PGY-1 pharmacy residency program (for PGY 2 programs)
 - Eligible for licensure to practice pharmacy in any state
 - United States citizenship
 - Participation in the ASHP Resident Matching Program Application Process
 - All applicant materials must be submitted through Pharmacy Online Residency Centralized Application (PhORCAS) by the second Friday of January
- Official School or College of Pharmacy transcript

*** Please submit an official transcript by the due date. If fall/winter APPE rotation grades are not included in your official transcript, please advise your school advisor, regional coordinator, or APPE coordinator to address a letter with APPE rotation grades*

- Letter of Intent
- Curriculum Vitae
- Three letters of recommendation using the standardized reference template in PhORCAS (for PGY-2 programs, please make sure one of these letters is from your PGY-1 Residency Program Director)
- Extracurricular Information

Selected applicants will be invited to a virtual interview in late-January or early-February.